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State of Utah

DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining

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Inspection Report

Minerals Regulatory Program

Date: August 11, 2008

Reviewed: LT

Mine Name: Indian Queen Marble	Permit Number: M/001/0019
Operator Name: Indian Queen Marble LLC.	Inspection Date: 07-22-2008
Inspector(s): Tom Munson & Brett Gregory	Time: 3:00 pm
Other Participants: None	Mine Status: Inactive

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Re-vegetation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Purpose of Inspection: This was a routine inspection to validate if any growth has become visible from two seeding following regrading in 2006.

Inspection Summary:

Reseeding from 2007 does not show any signs of visible growth on the lower pad area. There was a concern by the operator that no water was available to support plants. This is not the case as there are a lot of plants between the upper and lower pads; which, proves that water isn't the issue. The plants observed on the road section, upper pad below the pit and the upper pit are as follows: Favorable Plant Species: Four Wing Salt Brush, Forage Koshia, Crested Wheat Grass, Penstemon, Indian Rice Grass, Sage Brush, Great Basin Wild Rye. Less Desirable Plant Species: Cheat Grass and Halogeton

Conclusions and Recommendations: It most likely will be necessary to bring in composted manure or other organics to help achieve acceptable growth. It would also be prudent to take a soil sample of the lower pad area to confirm what the toxicity to plant growth is. The problem has been discussed with the operator, Mr. Applegate, and he has agreed to bring in several loads of organic matter to try and amend the lower pad. I informed Mr. Applegate that his delinquent permit fees were due.

Inspector's Signature

TM:pb

CC: Gary Applegate, Indian Queen Marble LLC.
Ed_ginouves@blm.gov
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Lower pad – no visible growth, soil amendments needed.



Lower pad which has been reseeded twice since 2006.



The lower road section between upper and lower pads has mostly halogeton.



Good plants farther up the road between the upper and lower pads.



Upper slope adjacent to upper pit has little growth.



This area just below the upper slope and pit, has excellent growth.



Great mixture of vegetation!



Good vegetation in bottom of upper pit.